

ABSTRACT

The present invention provides a method for producing noble metal/magnetic metal oxide composite fine particles comprising the steps of dispersing magnetic metal oxide fine particles in a solution containing a noble metal ion or adding to
5 the solution a metal ion that can form the magnetic metal oxide, and then irradiating the resulting dispersion or solution with ultrasonic waves, ionizing radiation or ultraviolet waves; and noble metal/magnetic metal oxide composite fine particles
10 obtained according to the method. According to the method of the present invention, the desired composite particles can be stably mass-produced in a high yield. The composite particles thus obtained are for use in the field of medical care/diagnosis and like technical fields in particular.